Title (en)
  BIOS SECURITY

Title (de)
  BIOS-SICHERHEIT

Title (fr)
  SÉCURITÉ D'UN BIOS

Publication
  EP 3485416 A4 20200129 (EN)

Application
  EP 16919189 A 20161021

Priority
  US 2016058047 W 20161021

Abstract (en)
  [origin: WO2018075057A1] Examp!es associated with basic input/output system (BiOS) security are described. One example includes detecting a mismatch between an active BiOS setting and a saved BIOS setting. An update previously applied to the active BiOS setting is validated. The update Is applied to the saved BIOS setting creating an updated BIOS setting. The saved BIOS setting is updated when the updated BIOS setting and the active BIOS setting match. The saved BIOS setting is updated to the active BIOS setting. A security action is taken when the updated BiOS setting and the active BiOS setting differ.

IPC 8 full level
  G06F 21/57 (2013.01)

CPC (source: EP US)
  G06F 21/572 (2013.01 - EP US); **G06F 21/575** (2013.01 - EP US); G06F 9/4401 (2013.01 - US)

Citation (search report)
  • [IA] US 2015089209 A1 20150326 - JACOBS WILLIAM E [US], et al
  • [A] US 2015378846 A1 20151231 - HAGIWARA MIKIO [JP], et al
  • [A] ZHENLIU ZHOU ET AL: "Advance and Development of Computer Firmware Security Research", 23 August 2009 (2009-08-23), XP055086267, Retrieved from the Internet <URL:http://www.academypublisher.com/proc/isip09/papers/isip09p258.pdf> [retrieved on 20131031]
  • See references of WO 2018075057A1

Designated contracting state (EPC)
  AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
  BA ME

DOCDB simple family (publication)
  WO 2018075057 A1 20180426; CN 109804378 A 20190524; EP 3485416 A1 20190522; EP 3485416 A4 20200129; EP 3485416 B1 20201125; TW 201820130 A 20180601; TW I672634 B 20190921; US 10803176 B2 20201013; US 2019087582 A1 20190321

DOCDB simple family (application)
  US 2016058047 W 20161021; CN 201680089928 A 20161021; EP 16919189 A 20161021; TW 106115984 A 20170515; US 201616083818 A 20161021